MSU 4.1-544

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas J. Pinnavaia, Wenzhong Zhang and Yi Liu

For : ULTRASTABLE POROUS ALUMINOSILICATE STRUCTURES

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Sir:

INFORMATION STATEMENT UNDER RULE 1.97 and 1.98

Provided herewith are copies of patents and publications as listed in the attached form PTO-1449. A concise explanation of the relevance of each reference listed in form PTO-1449 is contained in the above-captioned specification as filed.

Applicant respectfully asserts that the substantive provisions of 37 CFR 1.97 and 37 CFR 1.98 are met by the provision of the foregoing statement.

Respectfully,

Thomas J. Pinnavaia
Date: February 20, 2001

Wenzhong Zhang
Date:

Yu Liu
Date: 02/20/01

Ian C. McLeod, Attorney
Registration No. 20,931

Date: February 20, 2001

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known	
Application Number	
Filing Date	
First Named Inventor	Thomas J. Pinnavaia
Group Art Unit	
Examiner Name	
Attorney Docket Number	MSU 4.1-544

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	U.S. Patent Document Number	Kind Code[2] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	4,178,352		Vaughan et al	12/1979	
	AB	3,574,538		McDaniel et al	4/1971	
	AC	3,808,326		McDaniel et al	4/1974	
	AD	3,671,191		Maher et al	6/1972	
	AE	3,789,107		Elliott	1/1974	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Foreign Patent Document Office[3]	Number[4]	Kind Code[5] (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]

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Sheet 2 of 4

Complete If Known	
Application Number	
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First Named Inventor	Thomas J.Pinnavaia
Group Art Unit	
Examiner Name	
Attorney Docket Number	MSU 4.1-544

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T[2]
	A1	Ryoo, R., et al., Chem. Commun. 2225 (1997)	
	A2	Luan, Z.H., et al., J. Phys. Chem. 99 10590 (1995)	
	A3	Corma, A., et al., J. Catal. 148 569-574 (1994)	
	A4	Beck, J. S., et al., J. Am. Chem. Soc. 114 10834 (1992)	
	A5	Chen, C-Y., et al., Microporous Mater. 2 17 (1993)	
	A6	Borade, R. B., et al., Catal. Lett 31 267 (1994)	
	A7	Hamdan, H., et al., J. Chem. Soc. Faraday Trans 92 2311 (1996)	
	A8	Janicke, M. T., et al., Chem. Mater. 11 1342 (1999)	
	A9	Mokaya, R., et al., Chem. Commun. 2185 (1997)	
	A 10	Ryoo, R., et al., Chem. Mater. 9 1607 (1998)	
	A 11	Corma, A., Chem. Rev. 2373 (1997)	

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	A 12	Mokaya, R., Angew. Chem. Int. Ed. 38 No. 19 2930 (1999)	
	A 13	Lechert et al., Stud. Surf. Sci. Catal., 84, 147 (1994)	
	A 14	Robson ACS Sym. Ser., 398 436 (1989)	
	A 15	Lok et al., Zeolites, 3 282 (1983)	
	A 16	Watson, J. N., et al., J. Chem. Soc., Faraday Trans. (94) 2181 (1998)	
	A 17	deMoor, P.P.E.A. ET AL., Chem. Mater. (11) 36 (1999)	
	A 18	deMoor, P.P.E.A. ET AL., J. Phys. Chem. B (103) 1639 (1999)	
	A 19	deMoor, P.P.E.A., et al., Stud. Surf. Sci. Catal 105 341 (1997)	
	A 20	Zones, S.I., et al., Microporous Mesoporous. Mater. 21, 199 (1998)	
	A 21	Boyett, R.E., et al., Zeolites (17) 508 (1996)	
	A 22	Lippmaa et al., J. Amer. Chem. Soc. 108 1730 (1986)	

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	A 23	Camblor et al., Stud. Surf. Sci. Catal. 205 341 (1997)	
	A 24	White et al., J. Chem. Soc., Faraday Trans. 94 2181 (1998)	
	A 25	Stucky et al., J. AM. Chem. Soc. 121:254 (1999)	
	A 26	van Santen et al., J. Phys. Chem. 103 1639-1650 (1999)	
	A 27	Kloetstra et al (Chem. Commun. 2281 (1997)	
	A 28	J. Perez-Pariente, J. A. Martens and P. A. Jacobs, Applied Catalysis, 31, 35 (1998)	
	A 29	Kim, S.S., et al., Science, 282 1302 (1998)	
	A 30	Bagshaw, et al., Chem. Commun. 533-534 (2000)	

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